Headquarters U.S. Air Force

Integrity - Service - Excellence

Air Force Safety

A Commander's Program

Mr. John Phillips
Chief, Policy and Plans

U.S. AIR FORCE

Overview

- Air Force Mishap Rates
- Mishap Reduction Target Areas
- 50% Mishap Reduction
- AF/SE Initiatives

AF Safety Analysis (FY 93-02)

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Last 10 Years at a Glance

- 1,024 lives lost in AF mishaps
  - One preventable death every 3.5 days
- 243 aircraft destroyed
  - One preventable Class A mishap every 15 days
- $10.6B in total mishap costs
  - $2.9 million per day

Fatalities

Category	FY02	10 Yr Avg	FY02 vs 10 Yr Avg
Flight	22	31.0	- 29.0%
Ground (On-Duty)	8	8.2	- 2.4%
Ground (Off-Duty)*	83	62.9	+ 32.0%
Space, Expl & Missiles	0	0.3	- 100.0%
Total	**113**	**102.4**	**+ 10.4%**

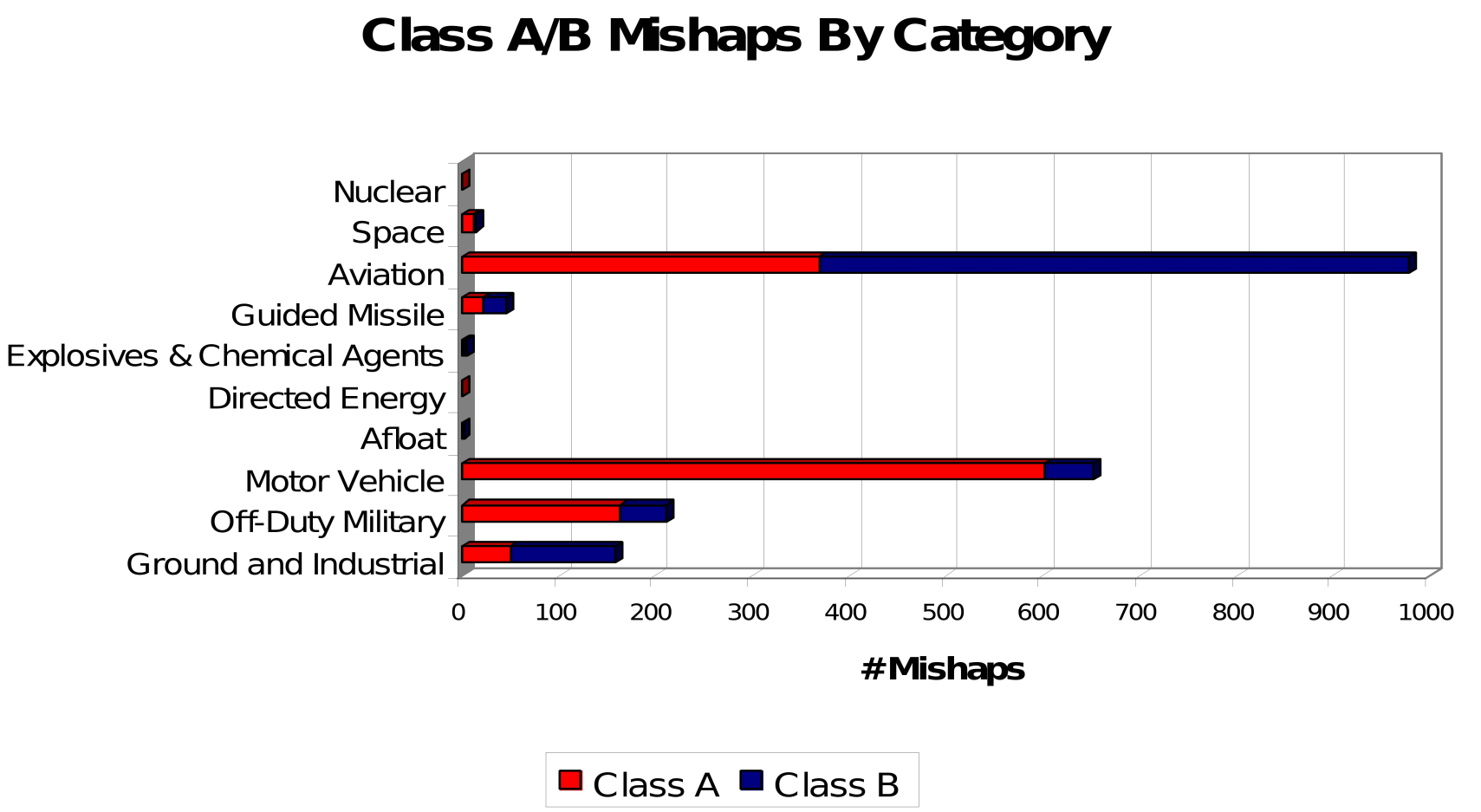
* Military Only

Class A Mishaps

Category	FY02	10 Yr Avg	FY02 vs 10 Yr Avg
Flight	35	30.2	- 15.9%
Ground (On-Duty)	9	11.9	- 24.4%
Ground (Off-Duty)*	84	69.0	+ 21.7%
Space, Expl & Missiles	0	4.4	- 100.0%
Total	**128**	**115.5**	**+ 10.8%**

* Military Only

Top Level AF Mishap Categories (FY 93-02)



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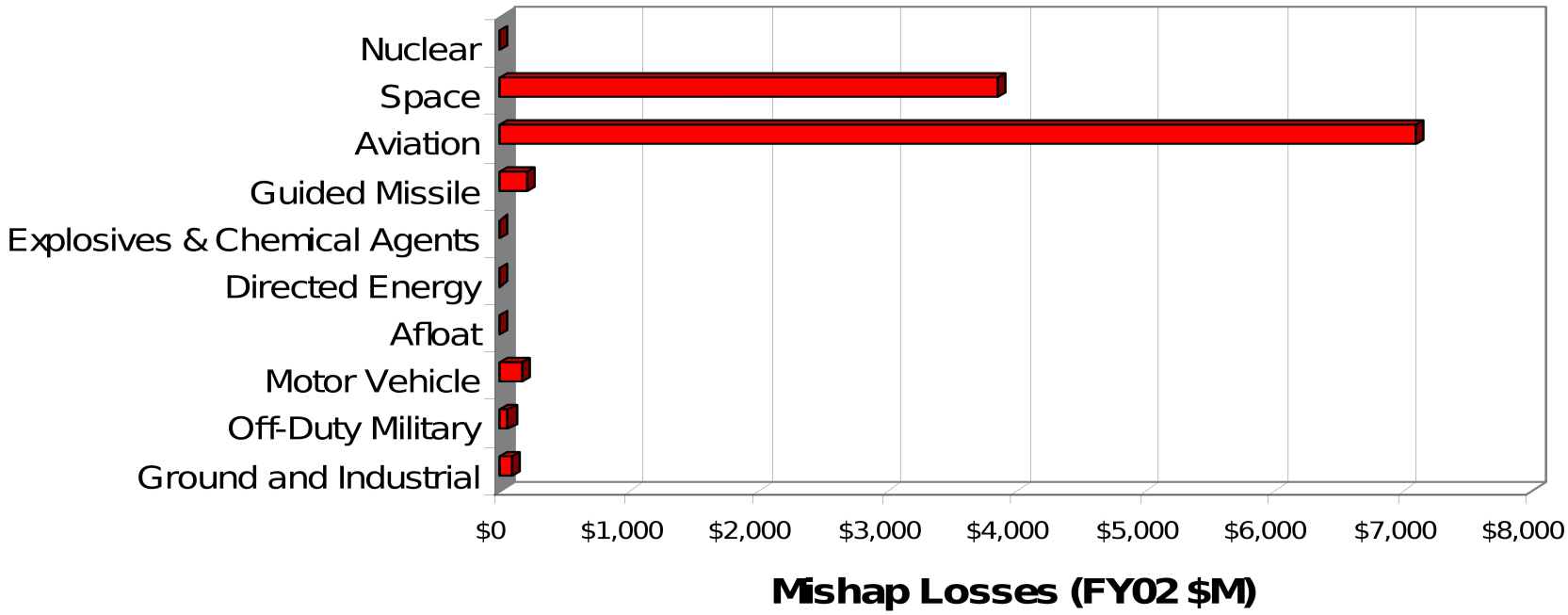

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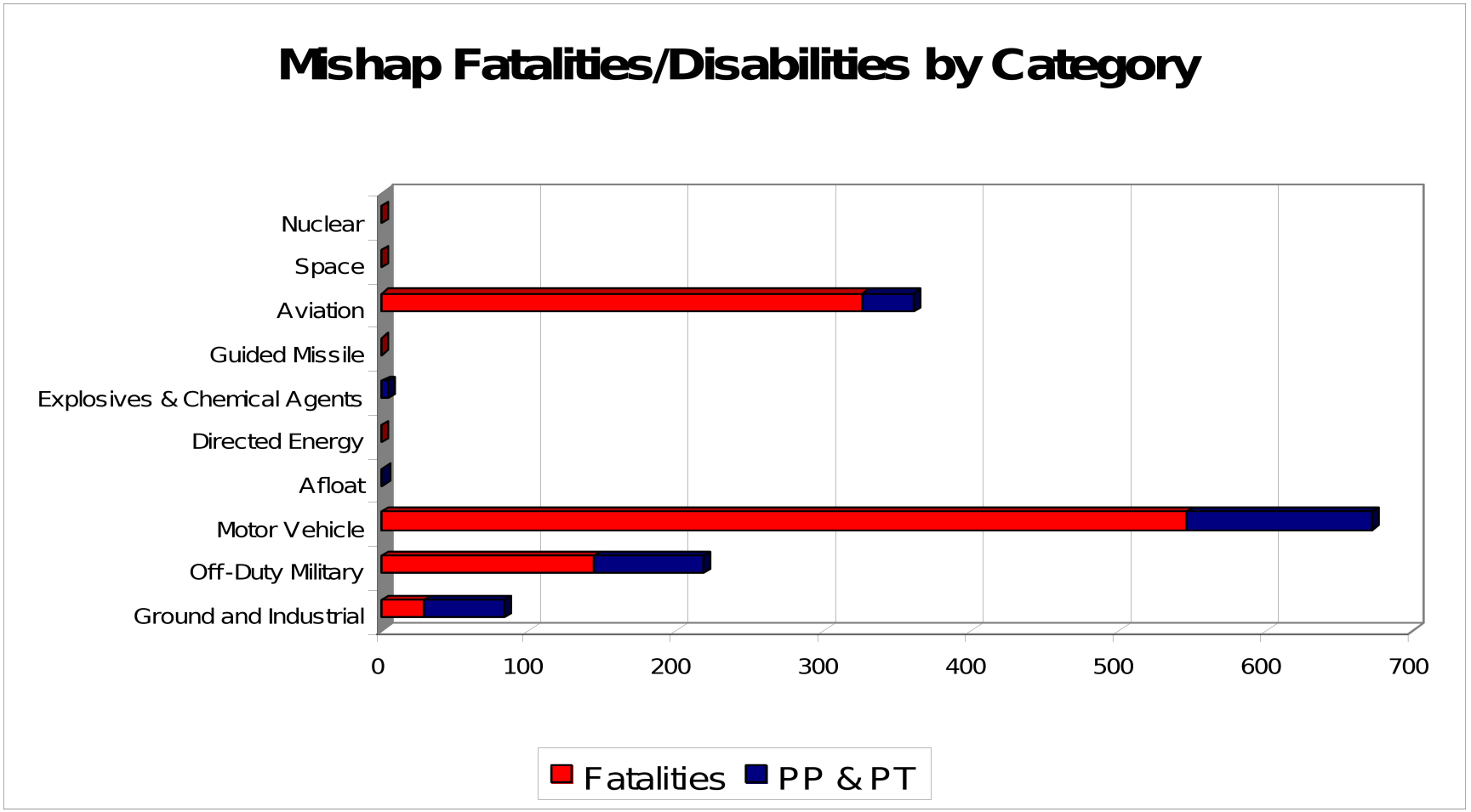
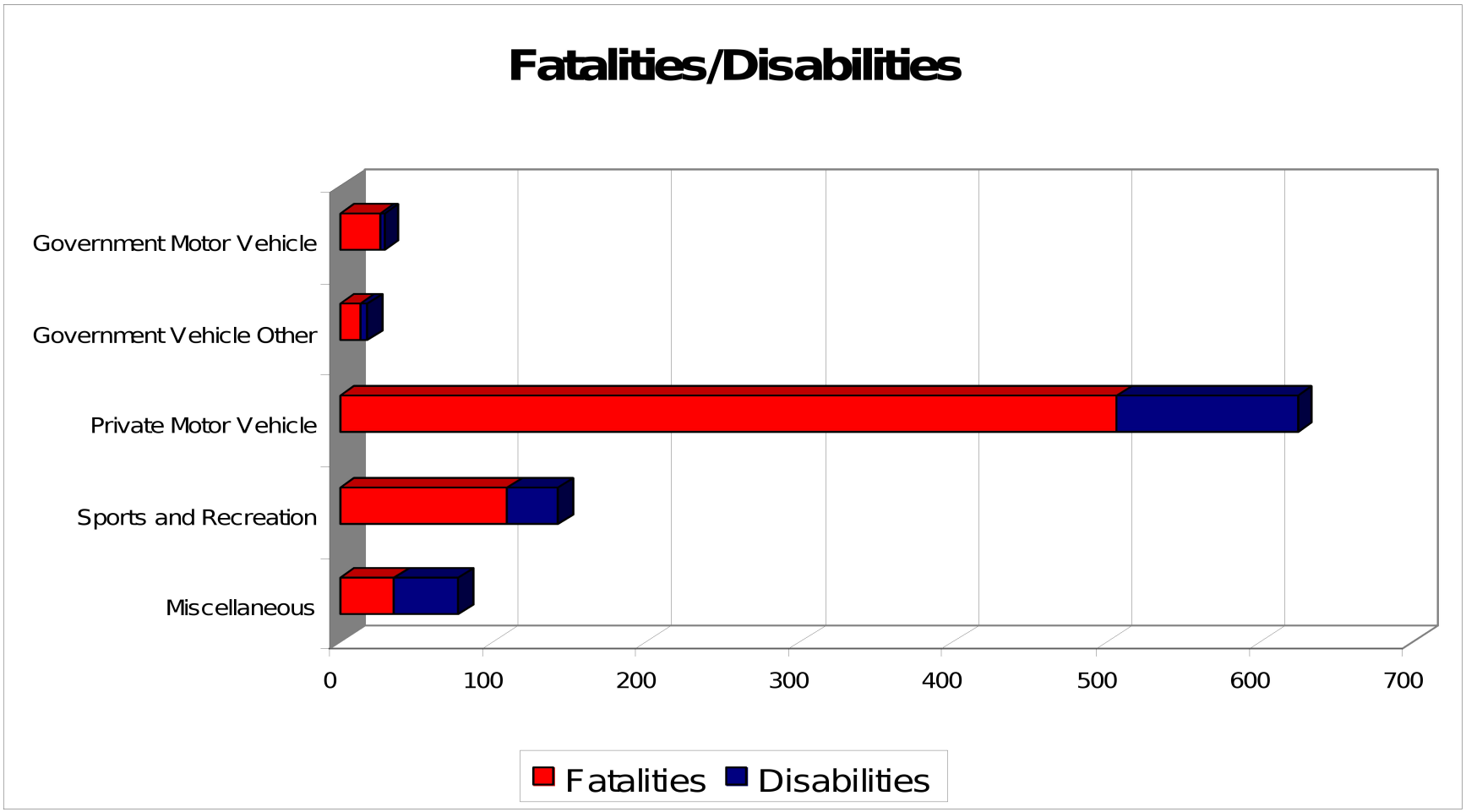
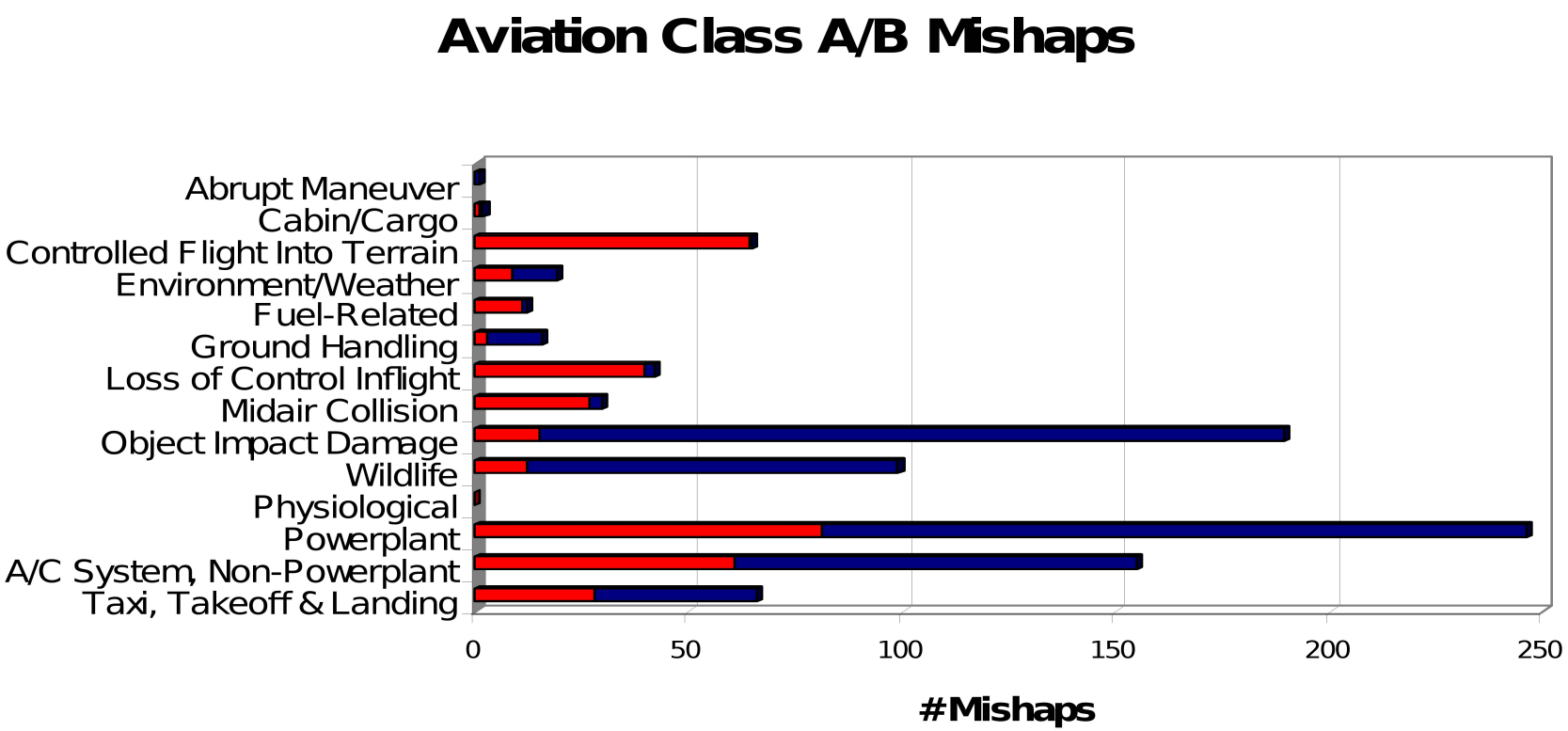


Motor Vehicle/Off-Duty Class A/B Mishaps (FY 93-02)



Aviation Class A/B Mishaps (FY 93-02)



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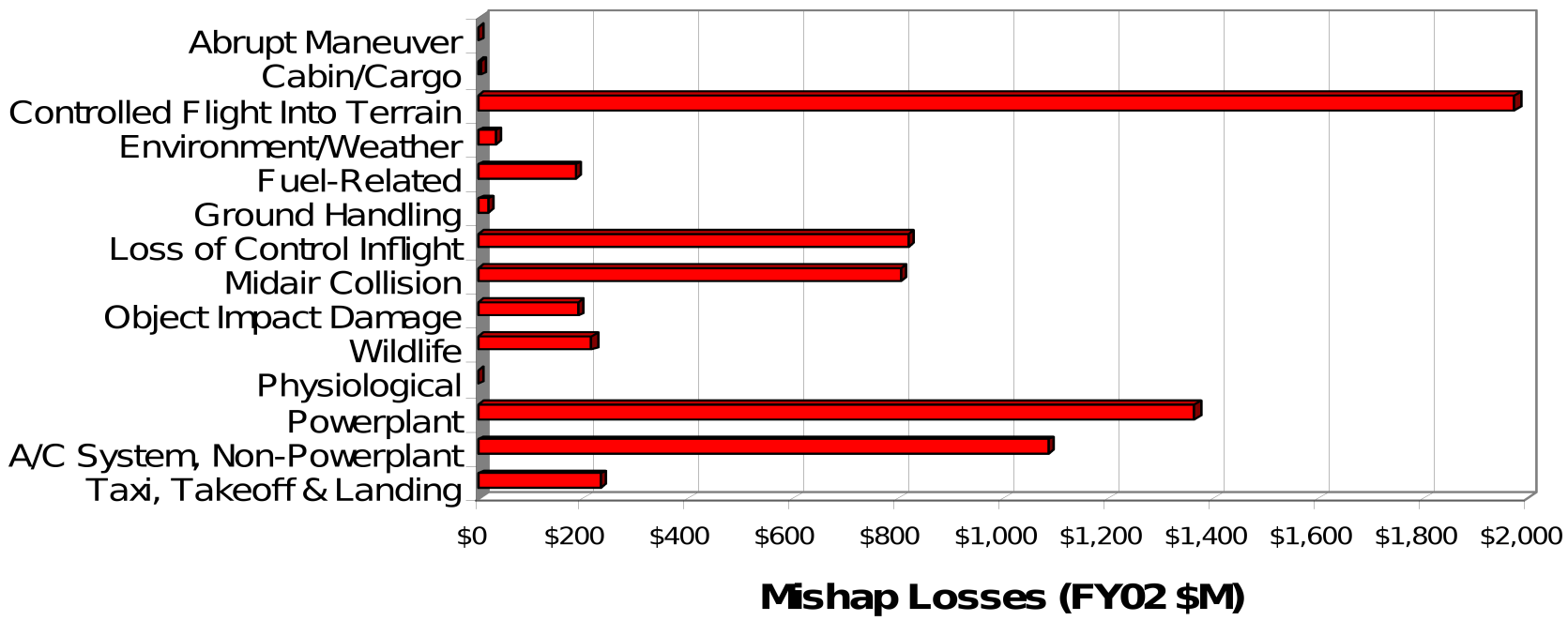
Aviation Class A/B Mishaps (FY 93-02)



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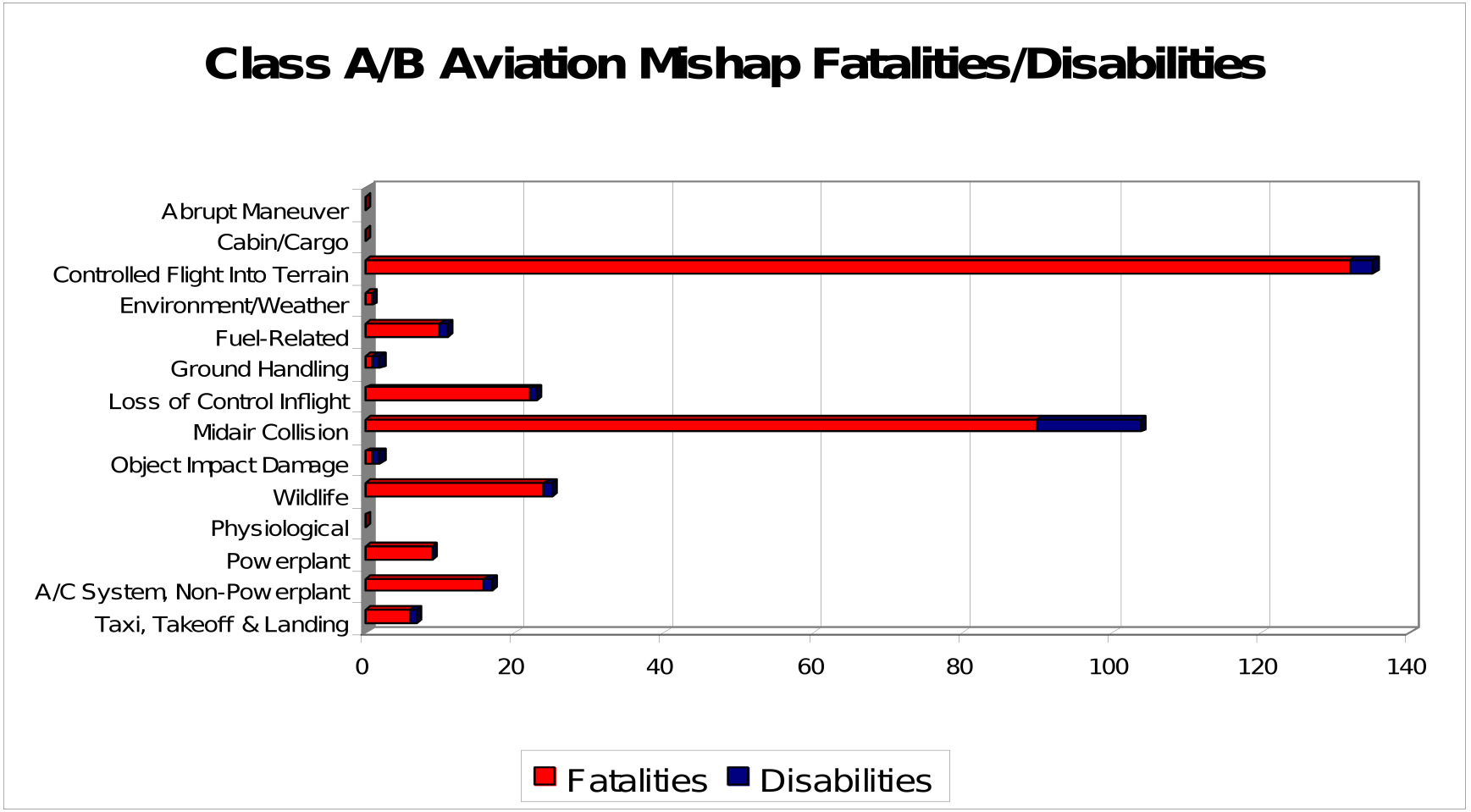
Aviation Class A/B Mishaps (FY 93-02)



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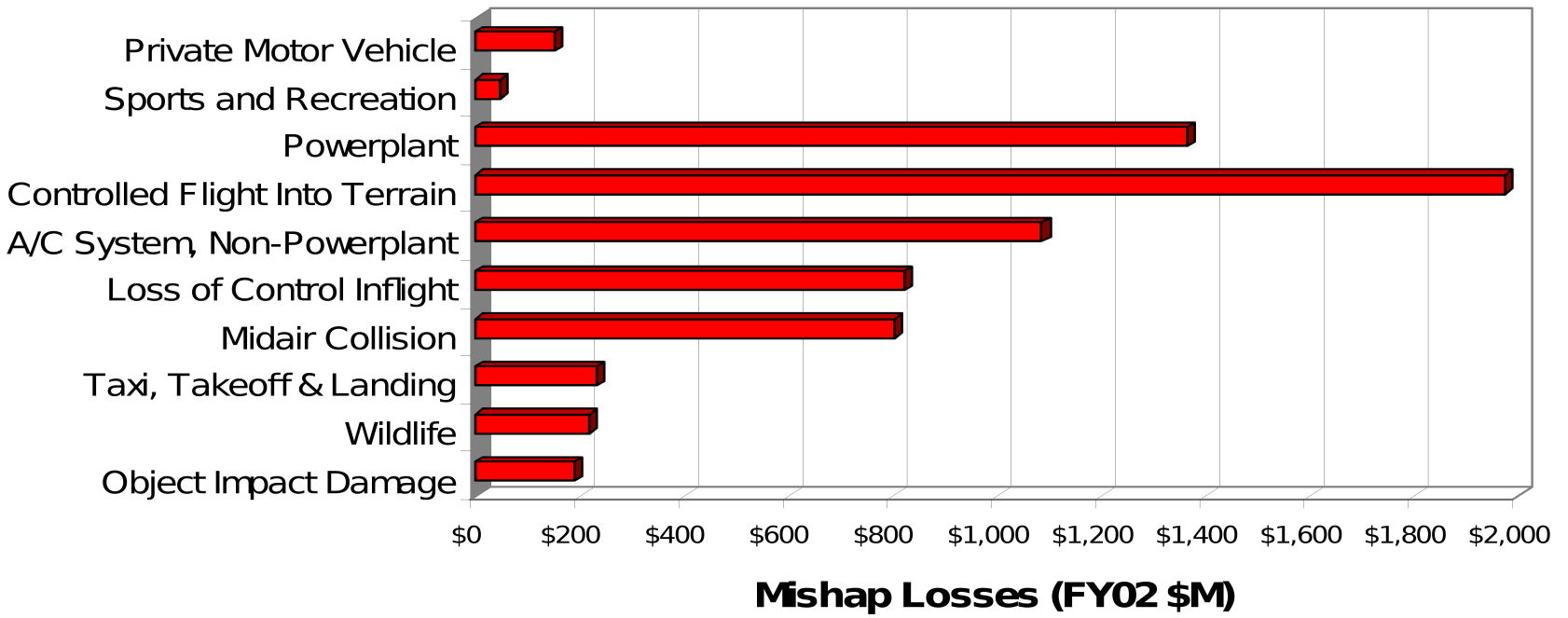
"Top Ten" Class A/B Mishaps (FY 93-02)



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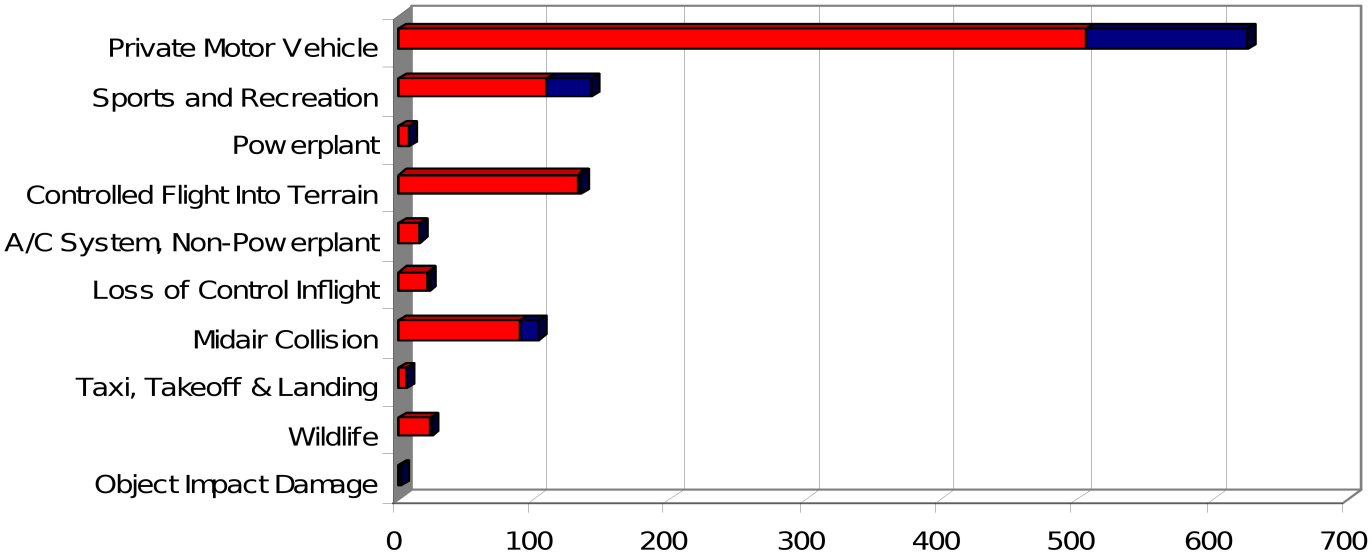
"Top Ten" Class A/B Mishaps (FY 93-02)



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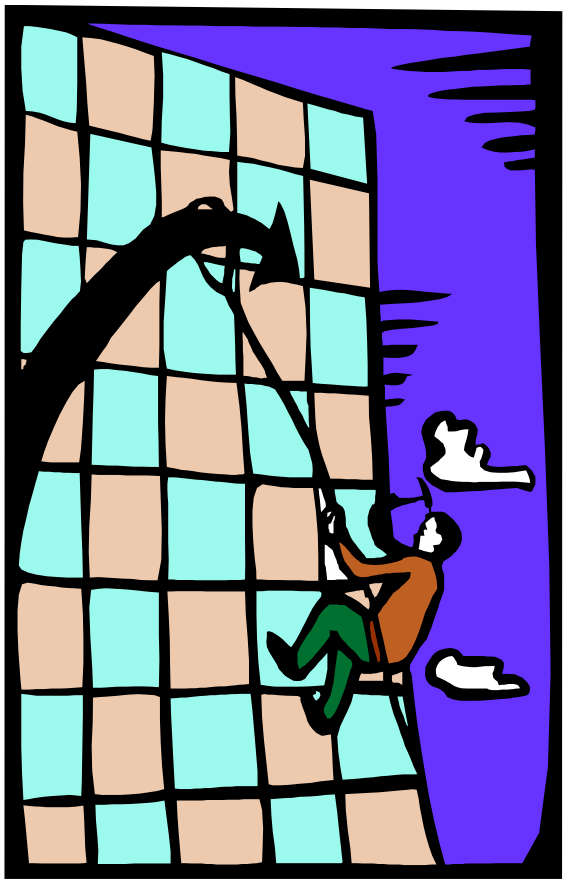
Mishap Reduction Target Areas

- **Aviation**
  - **Controlled Flight Into Terrain**
  - **Midair Collision**
  - **Powerplant**
  - **Loss of Control In-Flight**
  - **A/C System (Non-Powerplant)**
  - **Impact Damage – Wildlife**
  - **Impact Damage – Object**
- **Ground**
  - **Traffic Safety**
  - **Sports and Recreation**



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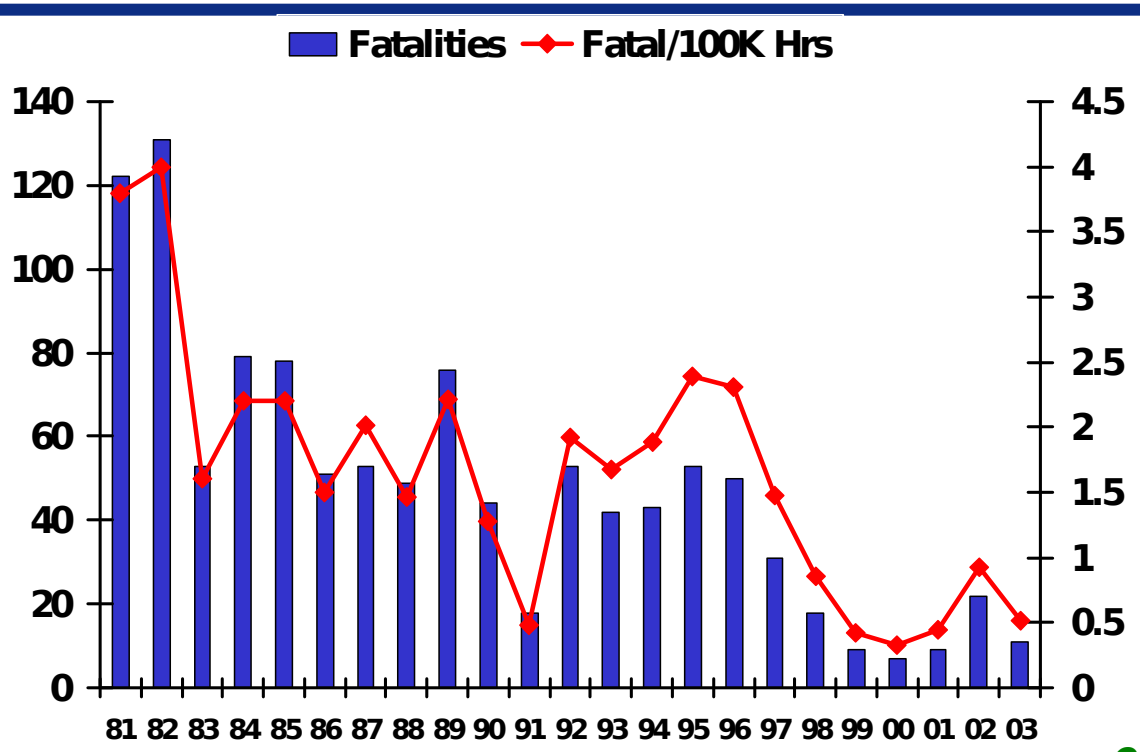
AVIATION-RELATED FATALITIES
FATALITIES/FATALITY RATE PER 100,000 HRS



03 (thru 8 Sep)

	FY03	FY02
AVIATION FATALITIES/FATAL RATE TO DATE:	**11/.52**	**21/.93**
5-YEAR AVERAGE ANNUAL FATALITIES/FATAL RATE:	***13 /.60***	

On-Duty Ground Fatalities

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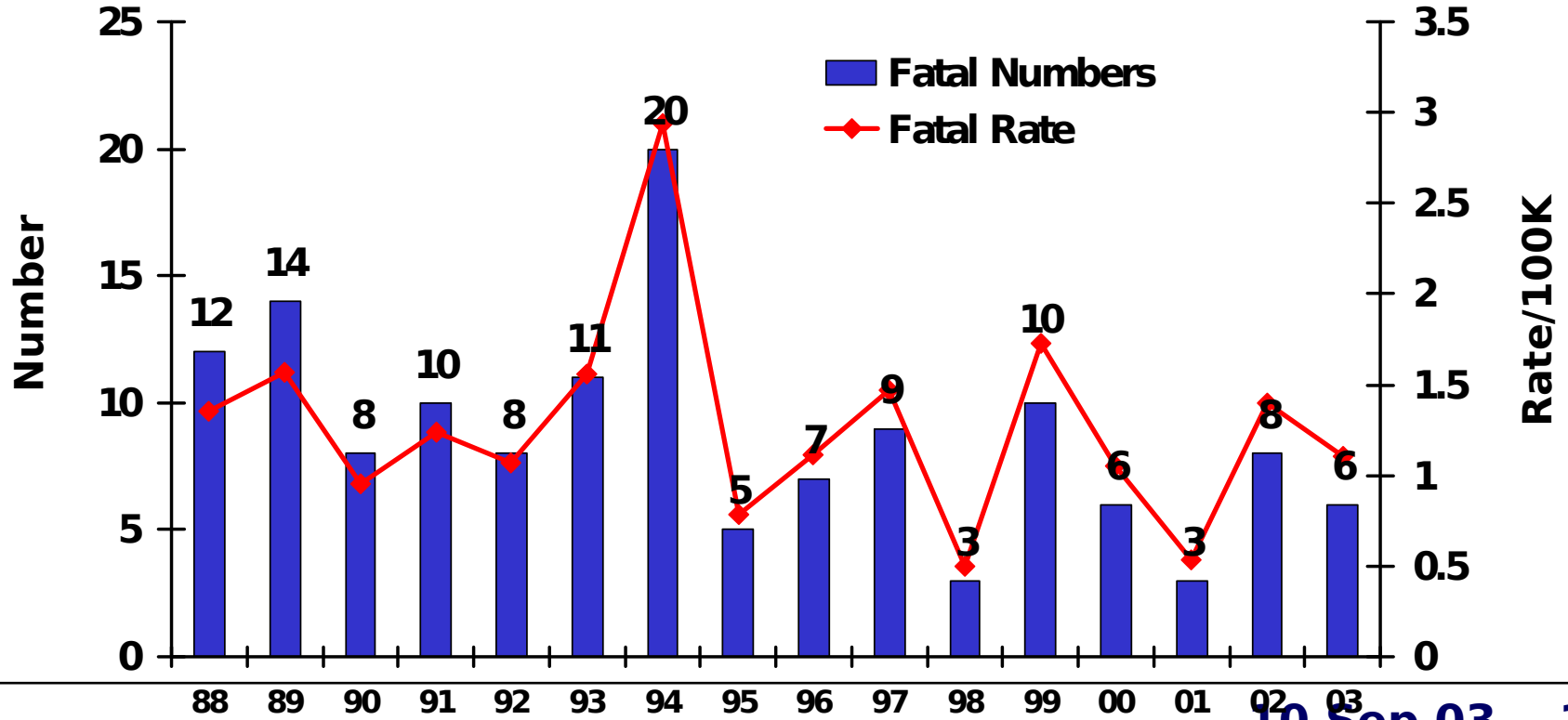

10 Sep 03 **10**

Sep 02

GROUND FATALITIES/FATAL RATE FY COMPARISON: **6 / 1.10**
8 / 1.40

FY02 FATALITIES/FATAL RATE: ***8 / 1.40***

5-YEAR AVERAGE (FY98-02) FATALITIES/FATAL RATE: ***5.8 / 1.01***

Off-Duty Ground Fatalities

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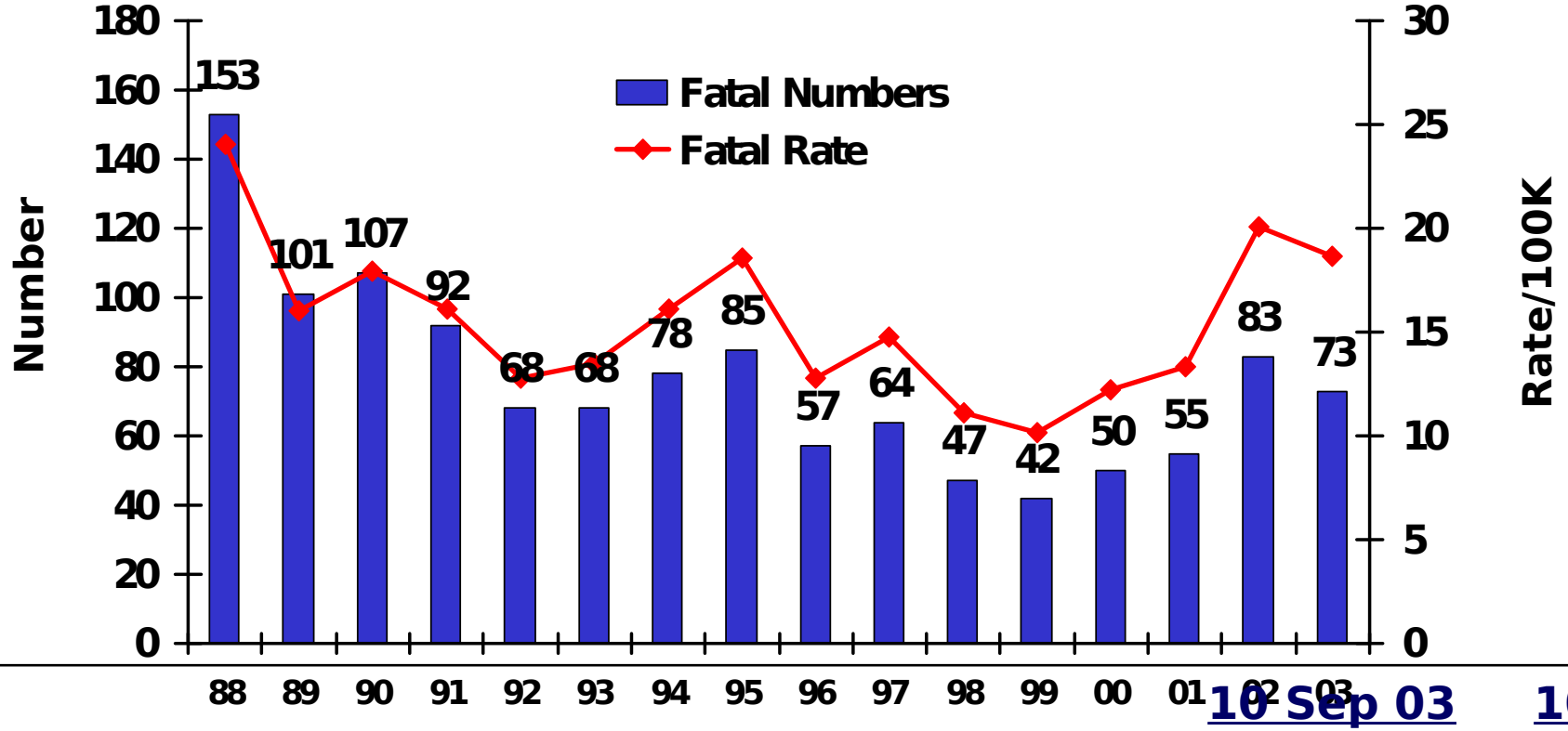

10 Sep 03 **10**

Sep 02

GROUND FATALITIES/FATAL RATE FY COMPARISON: 73 / 18.67

83 / 20.86 ***FY02***

FATALITIES/FATAL RATE: 83 / 20.06

5-YEAR AVERAGE(FY98-02) FATALITIES/FATAL RATE: 55.6 / 13.41

Off-Duty PMV Fatalities

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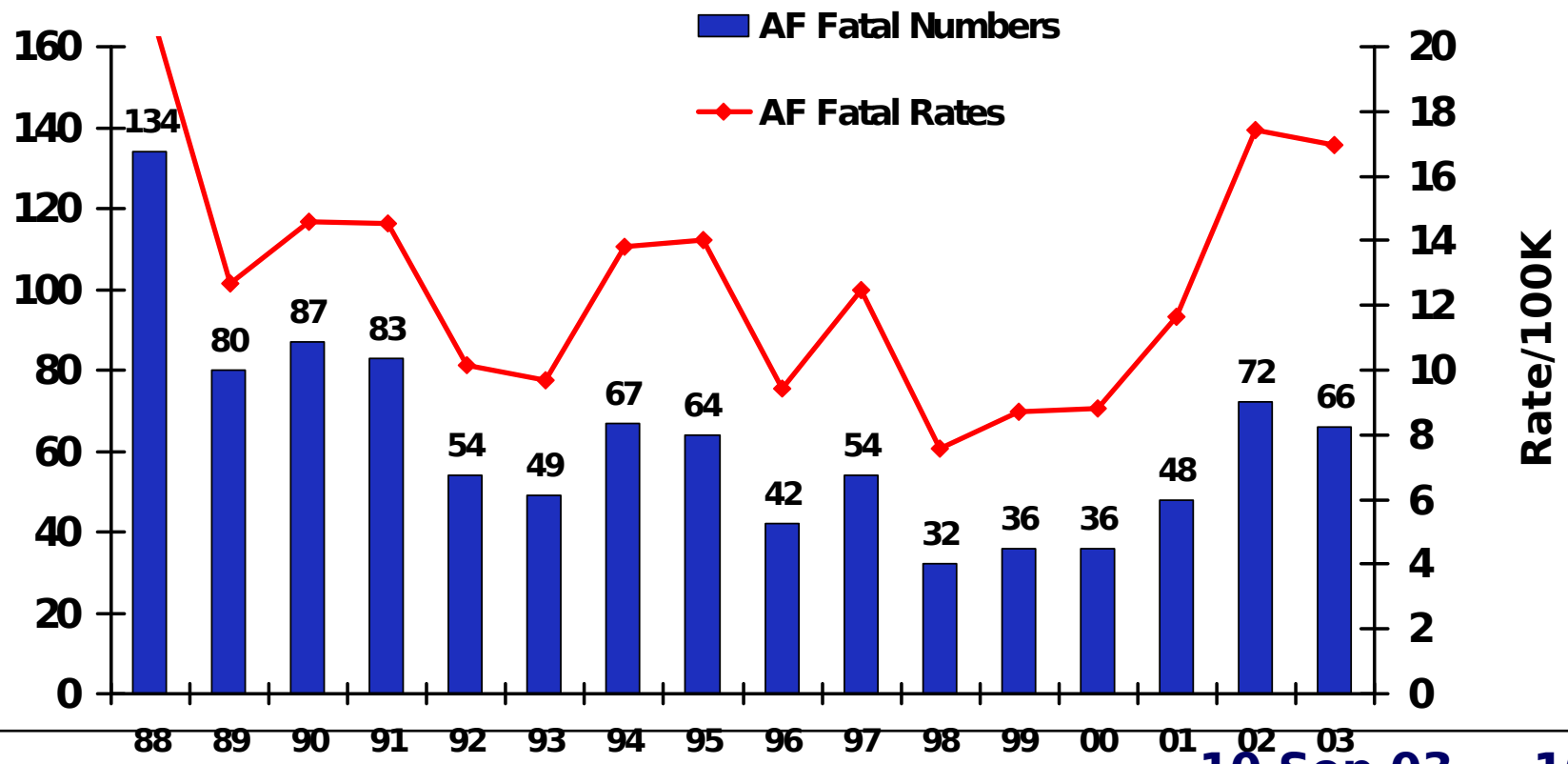

10 Sep 03 **10**

Sep 02

PMV FATALITIES/FATAL RATE FY COMPARISON: 66 / 16.96

69 / 17.73

FY02 PMV FATALITIES/FATAL RATE: 72 / 17.40

5-YEAR PMV AVERAGE (FY98-02) FATALITIES/FATAL RATE: 45 / 10. 83

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Major Off-duty Threats

- Traffic
  - Speed - alcohol - fatigue
  - At risk = 18-25 years old
  - Inexperience
- On-duty vs. Off-duty
  - Separate life
- Poor Decisions
  - Bad risk evaluations

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50% Mishap Reduction—Reaching the Goal

- Air Force Safety Strategic Plan
- Air Force Safety Oversight Council
- Cost Effective Investments
- Accountability
- Culture—Vision/Values
- Leadership

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AF/SE Initiatives

- FY 02 – AF Safety Analysis (FY 93-02)
- FY 03 – Follow-on 10 Year Analysis
  - Develop Business Case Process
  - Advocate New Technology
  - Advocate Changes to Policy, Tactics and Training
  - Lost Workday Injuries Descriptive Analysis
  - Education/Outreach Initiatives
  - MAJCOM SAVs
- FY 04/05 – 50% Mishap Reduction
  - Bring Business Cases Thru AF Safety Oversight Council
  - Extend Analysis to Class C Mishaps
  - Lost Workday Injuries Prevention Plans

Summary

Air Force is poised and ready for 50% mishap reduction

Ultimate Goal is Zero!